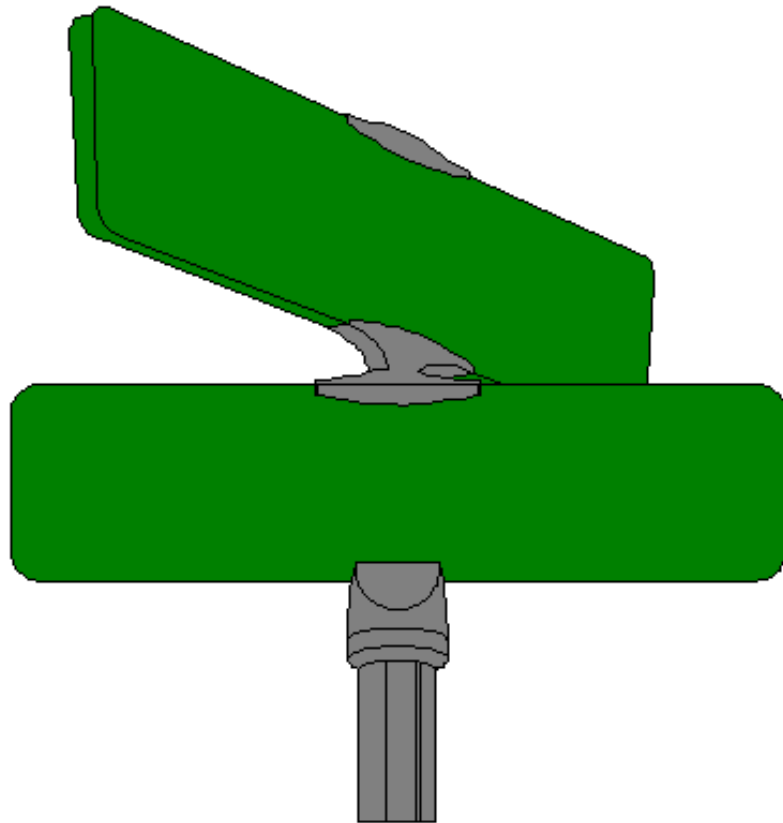


Chapter 4

Feature Names, Codes, and Secondary Roads



Types of Roads

The State Highway System (SHS) of North Carolina has three types of roads:

- Interstate Routes (I)
- Primary Routes (US and NC)
- Secondary Routes (SR)

In general, the interstate routes and primary routes will not be on the same pavement as secondary routes (and vice versa)

8-Digit Code

The 8-digit code specifies state-maintained primary and secondary roads, local routes, and political boundaries (municipal, county, and state).



8-Digit Code Examples

10000040 - I 40

1 - Interstate

0 - None

0 - Not a couplet

00040 - Route number 40

19000040 - I 40 Business

1 - Interstate

9 - Business route

0 - Not a couplet

00040 - Route number 40

50018682 - Main St.

5 - City Street

0 - None

0 - Not a couplet

18682 - Route number for Main St

20000064 - US 64

2 - US Route

0 - None

0 - Not a couplet

00064 - Route number 64

21000064 - US 64 Alternate

2 - US Route

1 - Alternate

0 - Not a couplet

00064 - Route number 64

40001001 - SR 1001

4 - Secondary Route

0 - Alternate

0 - Not a couplet

01001 - Route number 1001

70000009 - Brunswick County Line

7 - County Boundary

0 - None

0 - Not a couplet

00009 - County number 9 (Brunswick Co)

90000438 - Raleigh City Limits

9 - City Boundary

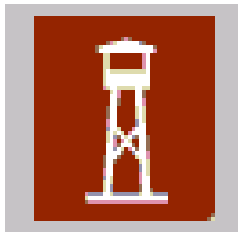
0 - None

0 - Not a couplet

00438 - City number 438 for Raleigh

Features Names and Codes

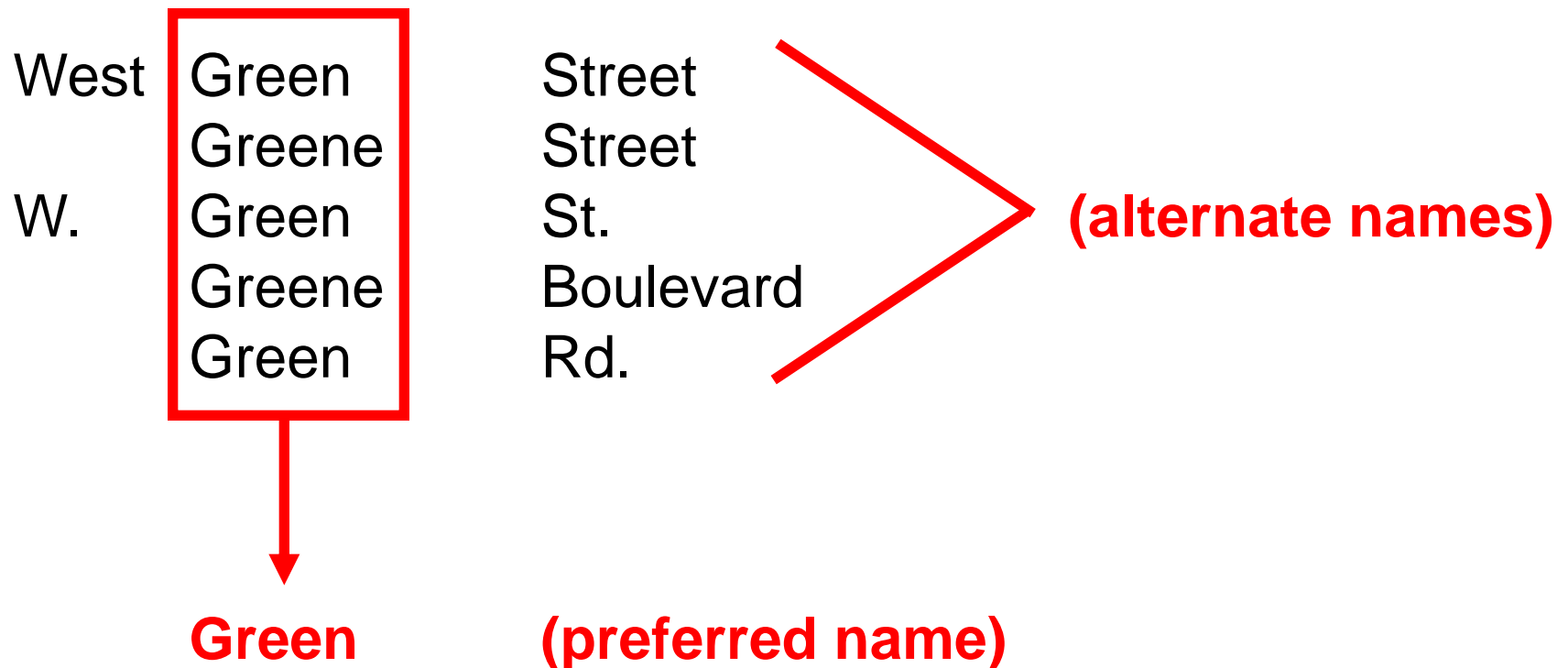
- Used to search for and view 8-digit codes and associated text for primary roads (I, US, NC), secondary roads (SR), local street names, and political boundaries.
- Access the “Street and Feature Name” screen by selecting the following:



⇒ Street and Features Name

Features Names and Codes (Cont.)

TEAAS only looks at the “root” spelling of a name and combines similar spellings and similar sounding names into one “preferred” name. All other related names are combined under the “preferred” name as “alternate” names.



Features Names and Codes (Cont.)

To search for feature names and codes

- Click the “**Search**” icon
- Enter search criteria
- Leave any criteria blank if they are not part of the search
- Click the “**GO**” icon

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type [dropdown]
Special Route [dropdown]
Couplet Direction [dropdown]
Boundary [dropdown]
Route Number [text box]

Feature

Code [text box]
Name [text box]
Preferred Name [text box]
Alternate Name [radio button]

Last Update

User ID [text box]
Date/Time [text box]

1 of 1

Search Icon

GO Icon

Select a specific Route Type

Select a specific Special Route

Select a specific Couplet Direction

Select a specific Boundary

Specify 5-digit route number. Wildcard characters may be used to search for one or more route. Refer to *Appendix D* for use of wildcard characters.

Select Preferred Name/Alternate Name

Specify 8-digit feature code. Wildcard characters may be used to search for one or more feature.

Enter a specific name or use wildcard characters to search for one or more names.

Feature Names and Codes (Cont.)

Route Type - Interstate, NC Route, County Boundary, etc.

Special Route - Alternate, Business, Truck, etc.

Couplet Direction - North, South, East, West

Boundary -

County Names (when Route Type = County Boundary)

Municipality names (when Route Type = Municipal Boundary)

Route Number - 5 digit route/county/municipal/state code.

Code - Complete 8 digit feature code

Preferred Name - Preferred Spelling of the Feature Name

- County name, preceded with **CL-** (i.e. **CL-Wake**)
- Municipality name, preceded with **ML-** (i.e. **ML-Raleigh**)
- 2 character state abbreviation, preceded with **SL-** (i.e. **SL-Va**)

Features Names and Codes (Cont.)

Wildcard characters for searches:

Asterisk (*) or percent (%) symbols can be used to represent multiple characters. An example would be “*RALEIGH” which would return approximately 20 different features ranging from “DURALEIGH” to “ML-RALEIGH”.

Question marks (?) can be used to represent single characters. An example would be “ML?RALEIGH” which would only return “ML-RALEIGH”.

Feature Names and Codes (Cont.)

It is possible to search for records using any of the fields that become enabled with the “**Search**” icon.

Example:

Step A: Click on the “**Search**” icon

Step B: Enter a route type such as “Municipal boundary”

Step C: Enter feature name such as “*Raleigh”

Step D: Click the “**GO**” icon.

Step E: Click “**OK**” on the dialog box

The information in the database about Raleigh municipal boundaries will be displayed on the “Street and Feature Names” screen.

Feature Names and Codes - Example 1

Suppose you wanted to search for all instances of “**Green St**” in the feature database:

Step A: Click on the “**Search**” icon

Step B: Enter feature name (Green St)

Step C: Click the “**GO**” icon.

Step A

Step C

Step B

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code

Name Green St

Preferred Name

Preferred Name

Alternate Name

Last Update

User ID

Date/Time

1 of 1

Feature Names and Codes - Example 1

- If matching records are found, a dialog box will indicate the number of records (note - using wildcards may return more than one record).
- If matching records are not found, try searches using alternate spellings, abbreviations, wildcards, etc.

Step D: Click on the “**OK**” button and view the records.

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code

Name

Preferred Name

Alternate Name ☐

Last Update

User ID

Date/Time

1 of 1

TEAAS Information

The search returned: 1 record(s).

OK

Step D

Feature Names and Codes - Example 1

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type: Local street

Special Route: None

Couplet Direction: Not a couplet

Boundary:

Route Number: 12434

Feature

Code: 50012434

Name: GREEN ST

Preferred Name: GREEN

☐ Preferred Name
☒ Alternate Name

Last Update

User ID: TEAAS CONVERSION

Date/Time: 12 August 1999 01:07 PM

1 of 1

It is a local street

It is not a special route

It is not a couplet

Route code is 12434

8-digit code is 50012434

Indicates "Green St" is an alternate spelling of another name in the database

The name you searched

Preferred name for "Green St" is "Green" (Codes are the same).

Feature Names and Codes - Example 2

Suppose you wanted to search for all instances of **50012434** in the feature database:

Step A: Click on the “**Search**” icon

Step B: Enter feature code (50012434)

Step C: Click the “**GO**” icon.

Step A

Step C

Step B

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code 50012434

Name

Preferred Name

Preferred Name

Alternate Name

Last Update

User ID

Date/Time

0 of 0

Feature Names and Codes - Example 2

- If matching records are found, a dialog box will indicate the number of records.
- If matching records are not found, try different search criteria.

Step D: Click on the “**OK**” button to view the records.

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code

Name

☐ Preferred Name

☐ Alternate Name

Preferred Name

Last Update

User ID

Date/Time

0 of 0

TEAAS Information

The search returned: 163 record(s).

OK

Step D

Feature Names and Codes Exercise 1

1. What is the 8-digit code for Wilson Street?
2. What is the feature with an 8-digit code of 70000057?
3. What is the 8-digit code for the municipal boundary of Plymouth (ML-Plymouth)?
4. What is the feature with an 8-digit code of 50018682?

Feature Names and Codes Exercise 1

1. What is the 8-digit code for Wilson Street?

50033187

2. What is the feature with an 8-digit code of 70000057?

3. What is the 8-digit code for the municipal boundary of Plymouth (ML-Plymouth)?

4. What is the feature with an 8-digit code of 50018682?

Feature Names and Codes Exercise 1

1. What is the 8-digit code for Wilson Street?

50033187

2. What is the feature with an 8-digit code of 70000057?

CL-MARTIN (Martin County Line)

3. What is the 8-digit code for the municipal boundary of Plymouth (ML-Plymouth)?

4. What is the feature with an 8-digit code of 50018682?

Feature Names and Codes Exercise 1

1. What is the 8-digit code for Wilson Street?

50033187

2. What is the feature with an 8-digit code of 70000057?

CL-MARTIN (Martin County Line)

3. What is the 8-digit code for the municipal boundary of Plymouth (ML-Plymouth)?

90000428

4. What is the feature with an 8-digit code of 50018682?

Feature Names and Codes Exercise 1

1. What is the 8-digit code for Wilson Street?

50033187

2. What is the feature with an 8-digit code of 70000057?

CL-MARTIN (Martin County Line)

3. What is the 8-digit code for the municipal boundary of Plymouth (ML-Plymouth)?

90000428

4. What is the feature with an 8-digit code of 50018682?

MAIN

Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?
2. What is the 8-digit code for the state line of Georgia (SL-GA)?
3. How many different versions of the road name defined by 8-digit code 50013456 are there?
4. What is the preferred name for the road defined by 8-digit code 50013456?

Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?

50015249

2. What is the 8-digit code for the state line of Georgia (SL-GA)?

3. How many different versions of the road name defined by 8-digit code 50013456 are there?

4. What is the preferred name for the road defined by 8-digit code 50013456?

Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?

50015249

2. What is the 8-digit code for the state line of Georgia (SL-GA)?

80000006

3. How many different versions of the road name defined by 8-digit code 50013456 are there?

4. What is the preferred name for the road defined by 8-digit code 50013456?

Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?

50015249

2. What is the 8-digit code for the state line of Georgia (SL-GA)?

80000006

3. How many different versions of the road name defined by 8-digit code 50013456 are there?

17

4. What is the preferred name for the road defined by 8-digit code 50013456?

Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?

50015249

2. What is the 8-digit code for the state line of Georgia (SL-GA)?

80000006

3. How many different versions of the road name defined by 8-digit code 50013456 are there?

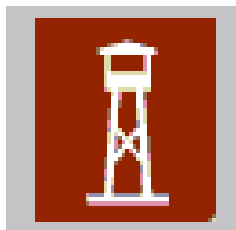
17

4. What is the preferred name for the road defined by 8-digit code 50013456?

HAYDEN

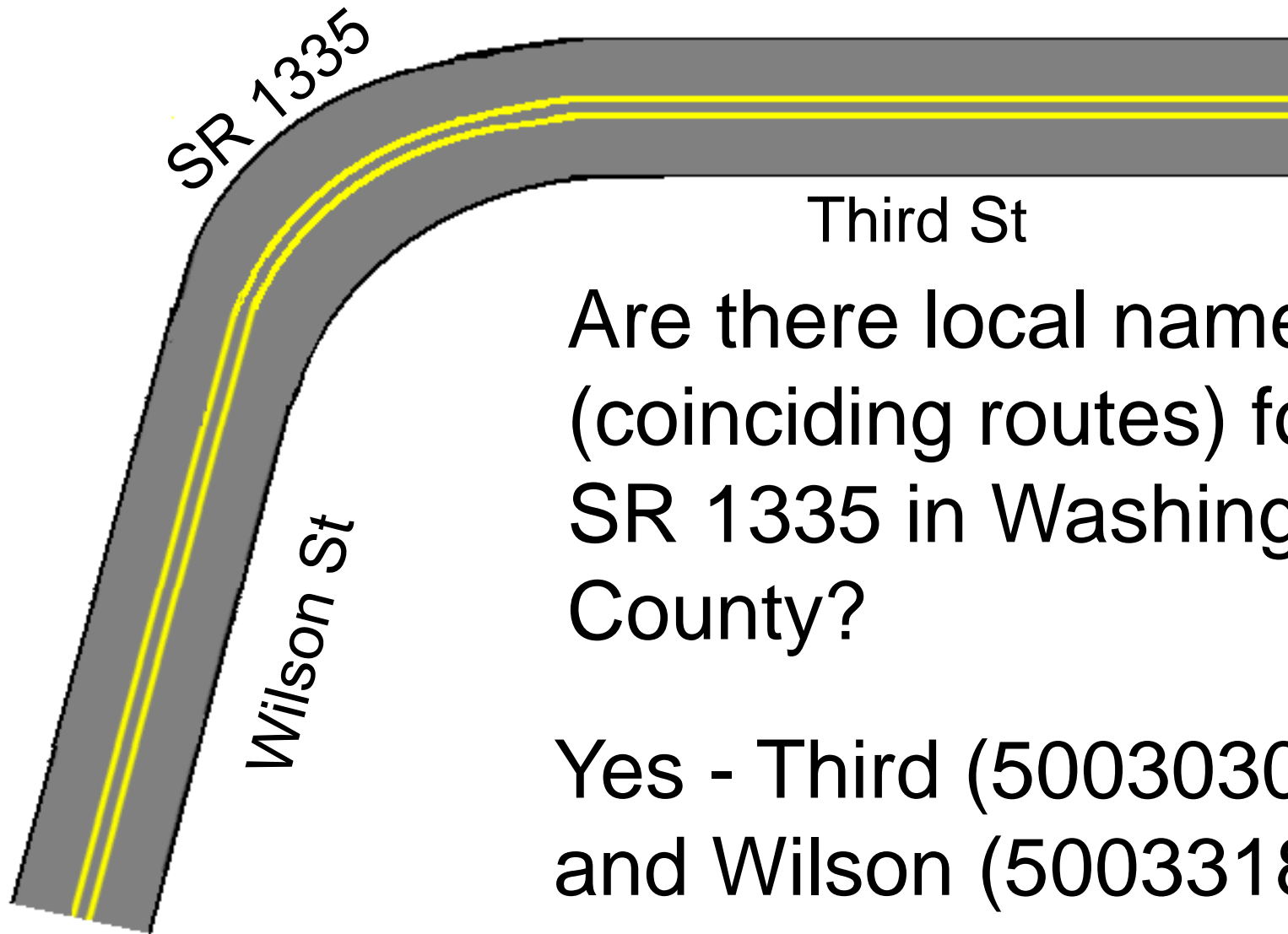
Secondary Roads

- Used to search for and view local street names attached to secondary roads (SR) within each county.
- Secondary roads are county specific.
- Some secondary roads may have more than one local name attached to them within a county.
- Access the “Secondary Routes” screen by selecting the following:



⇒ Secondary Routes

Secondary Roads (Cont.)



Are there local names
(coinciding routes) for
SR 1335 in Washington
County?

Yes - Third (50030308)
and Wilson (50033187).

The “Secondary Routes” screen may be able to answer this question.

Secondary Roads (Cont.)

To search for secondary routes

- Click the “**Search**” icon
- Enter search criteria
- Leave criteria blank if they are not part of the search
- Click the “**GO**” icon

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County

Road Code

Alternate Road Text

City Street Code

Last Update

User ID

Date/Time

0 of 0

Search Icon

GO Icon

County

Secondary road's 8-digit code

Local road's name

Local road's 8-digit code

Secondary Roads - Example 1

Suppose you wanted to search for the street names attached to SR 1822 in Wake County.

Step A: Click on the “**Search**” icon

Step B: Enter the county (Wake)

Step C: Enter the secondary road’s 8-digit code (40001822)

Step D: Click the “**GO**” icon.

Step A

Step D

Step B

Step C

The screenshot shows a software window titled "TEAAS - Lookup - Secondary Routes". It has a menu bar with "Edit" and "Help". Below the menu bar is a toolbar with several icons: a document, a trash can, a red 'X' icon, a green 'GO' icon, and a yellow icon. The main area of the window is divided into sections. The "Secondary Route" section contains four input fields: "County" with a dropdown menu showing "WAKE", "Road Code" with a text box containing "40001822", "Alternate Road Text" with an empty text box, and "City Street Code" with an empty text box. Below this is a "Last Update" section with "User ID" and "Date/Time" fields. At the bottom, there is a status bar with navigation buttons and a page indicator showing "1 of 1".

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County WAKE

Road Code 40001822

Alternate Road Text

City Street Code

Last Update

User ID

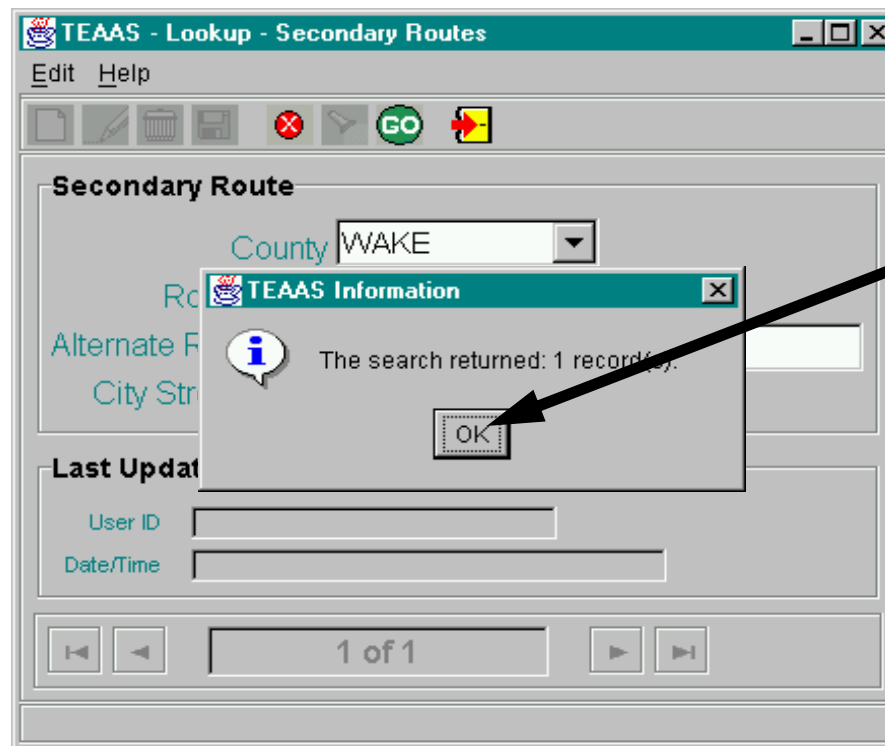
Date/Time

1 of 1

Secondary Roads - Example 1

- If matching records are found, a dialog box will indicate the number of records (note - using wildcards may return more than one record).
- If no matches, check your search criteria.

Step E: Click on the “**OK**” button to view the records.



Step E

Reading the Secondary Routes Screen

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County WAKE

Road Code 40001822

Alternate Road Text MILLBROOK

City Street Code 50020092

Last Update

User ID TEAAS CONVERSION

Date/Time 07 August 1999 03:16 AM

1 of 1

County

8-digit code for SR 1822

Local name attached to
SR 1822 in Wake County.

8-digit code for the local
name (Millbrook) attached
to the secondary road.

Secondary Roads - Example 2

Suppose you wanted to search for secondary roads attached to Millbrook in Wake County.

Step A: Click on the “**Search**” icon

Step B: Enter the county (Wake)

Step C: Enter the local name (Millbrook)

Step D: Click the “**GO**” icon.

Step A

The screenshot shows a software window titled "TEAAS - Lookup - Secondary Routes". It has a menu bar with "Edit" and "Help". Below the menu is a toolbar with several icons: a document, a pencil, a trash can, a red 'X' icon, a magnifying glass icon, a green "GO" button, and a yellow flag icon. The main area is titled "Secondary Route" and contains four input fields: "County" with the value "WAKE", "Road Code" (empty), "Alternate Road Text" with the value "MILLBROOK", and "City Street Code" (empty). Below this is a section titled "Last Update" with "User ID" and "Date/Time" fields. At the bottom, there are navigation buttons and a status bar showing "1 of 1".

Arrows from the text labels point to the following elements in the screenshot:

- Step A points to the magnifying glass icon in the toolbar.
- Step B points to the "County" input field.
- Step C points to the "Alternate Road Text" input field.
- Step D points to the green "GO" button in the toolbar.

Step D

Step B

Step C

Secondary Roads - Example 2

The image displays four overlapping screenshots of the TEAAS - Lookup - Secondary Routes window, each showing a different secondary road record for Wake County. Arrows point from text labels to the Road Code field in each window.

- 40001822 (SR 1822)
- 40002018 (SR 2018)
- 40002108 (SR 2108)
- 40002118 (SR 2118)

Each window shows the following fields:

- County: WAKE
- Road Code: [Value]
- Alternate Road Text: [Value]
- City Street Code: [Value]
- Last Update: User ID [Value], Date/Time [Value]

The bottom-most window also shows a pagination bar at the bottom with the text "4 of 4".

*There are four (4)
different secondary
roads listed for
"Millbrook" in Wake
County*

Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?
2. What is the secondary road associated with “Long Ridge” in Washington County?
3. How many local names are associated with SR 1335 in Washington County?
4. What is the secondary road associated with “Poplar” in Wake County?

Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?

CENTER

2. What is the secondary road associated with “Long Ridge” in Washington County?

3. How many local names are associated with SR 1335 in Washington County?

4. What is the secondary road associated with “Poplar” in Wake County?

Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?

CENTER

2. What is the secondary road associated with “Long Ridge” in Washington County?

SR 1100

3. How many local names are associated with SR 1335 in Washington County?

4. What is the secondary road associated with “Poplar” in Wake County?

Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?

CENTER

2. What is the secondary road associated with “Long Ridge” in Washington County?

SR 1100

3. How many local names are associated with SR 1335 in Washington County?

2 - “THIRD” and “WILSON”

4. What is the secondary road associated with “Poplar” in Wake County?

Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?

CENTER

2. What is the secondary road associated with “Long Ridge” in Washington County?

SR 1100

3. How many local names are associated with SR 1335 in Washington County?

2 - “THIRD” and “WILSON”

4. What is the secondary road associated with “Poplar” in Wake County?

SR 2792

Secondary Roads (Cont.)

Secondary Roads Database Lookup: <https://apps.dot.state.nc.us/srlookup/>


Cannot find server - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail W Word PDF Help

Address <https://apps.dot.state.nc.us/srlookup/> Go

Links DAILY Maps MISC NCDOT Organizations Planning SAP Search Standards Supplies Workplace Safety Budget

 **NCDOT** NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Connecting people and places in North Carolina — safely and efficiently, with accountability and environmental sensitivity.

About Careers Contact News Search! NCDOT

Doing Business Maps & Publications Programs Projects & Studies Travel Information

Divisions

- Aviation
- Bicycle & Pedestrian
- Ferry
- Highways
- Public Transportation
- Rail

Secondary Roads Database Lookup

Search for a Secondary Road:

Division Number

County

Road Number

Road Name

Submit

© Copyright NCDOT 2007 NCDOT Home NC.gov

Note that this resource is not always kept current and does not contain historical information.

Done

Start Internet

Inbox - Microsoft Ou... S:\TSU\TSU Super\J... Microsoft PowerPoin... TEAAS training mate... TEAAS_Training_Mat... Cannot find serve... 11:52 AM